

## 2025 Academic Completion Plan

(Applies to Students enrolling during the Academic Year beginning in August 2025)

### BS Industrial Engineering and Technology Management

Semester 1	Credits	Semester 2	Credits
SRH 101: Search Seminar <b>or</b> HNR 160: Honors Search CHE 104: General Chemistry CHE 110L: General Chemistry I Lab EGR 107: Engineering Lab Safety MAT 230: Calculus I CS 115: Intro to Object-Oriented Programming	3   3 1 1 4 <u>3</u>	PHY 200/L: Physics I with Lab MAT 231: Calculus II EGR 110: Engineering Design I THR 244: Computer-Assisted Design COM 101: Composition & Research THE 105 or PHI 105	4 4 1 3 3 <u>3</u>
<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>	<b>15</b>
Complete 5 hours of Community Service		Complete 5 hours of Community Service	
Semester 3	Credits	Semester 4	Credits
BUS 101: Accounting ECON 249: Microeconomics EGR 201: Engineering Statics EGR 260: Undergraduate Engineering Colloquium THE 105 or PHI 105 SEARCH	3 3 3 0.25 3 <u>3</u>	BUS 200: Managerial Accounting EGR 210: Engineering Design II IE 201: Work Systems and Operations Management MAT 209: Statistics MAT 220L: Statistics Lab ME 201 Strength of Materials ME 271L: Strength of Materials Lab	3 1 3 3 1 3 <u>0.5</u>
<b>TOTAL</b>	<b>15.25</b>	<b>TOTAL</b>	<b>14.5</b>
Complete 5 hours of Community Service		Complete 5 hours of Community Service	
Semester 5	Credits	Semester 6	Credits
BUS 206: Management Principals BUS 280: Human Resources Management BUS 315: Data Analytics & Information Systems COM 344 Writing for the Workplace SEARCH	3 3 3 3 <u>3</u>	BUS 320: Stakeholder Relations EGR 260: Undergraduate Engineering Colloquium IE 211 Modern Manufacturing IE 272L: Modern Manufacturing Lab EGR 310: Engineering Design III SEARCH	3 0.25 3 0.5 3 <u>3</u>
<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>	<b>15.75</b>
Complete 5 hours of Community Service		Complete 5 hours of Community Service	
Semester 7	Credits	Semester 8	Credits
BUS 332: Operations Management BUS 411: Financial Decision Making EGR 260: Undergraduate Engineering Colloquium EGR 401: Interdisciplinary Engineering Project Management IETM 480: IETM Capstone I SEARCH	3 3 0.25 3 2 <u>3</u>	BUS 426: Strategic Management BUS 4XX: Business Elective IETM 481: IETM Capstone II IE 402: Quality Engineering PHI 208: Ethics of Technology SEARCH	3 3 2 3 3 <u>3</u>
<b>TOTAL</b>	<b>14.25</b>	<b>TOTAL</b>	<b>17</b>
Complete 5 hours of Community Service		Complete 5 hours of Community Service	
ADDITIONAL GRADUATION REQUIREMENTS	RESIDENCY REQUIREMENTS	GRADUATION CREDITS EARNED	
____ SRH 101/HNR 160: FIRST YEAR SEMINAR ____ HUMAN DIVERSITY ____ COMMUNITY SERVICE HOURS ____ OVERALL GPA = 2.0 or higher ____ GPA IN MAJOR = 2.0 or higher ____ 2.5 in Writing Courses ____ SENIOR CAPSTONE: met with EGR 480/481 ____ WRITING ENHANCED COURSE	____ Minimum of 123 non-remedial credits earned ____ 45 of last 60 credits ____ Minimum of 12 Alvernia credits in the major ____ Minimum of 9 Alvernia credits in the minor (if applicable)	Liberal Arts Core credits earned	
		Major and Related Area credits earned	
		Elective and/or Minor credits earned	
		SUBTOTAL	
		SUBTRACT CREDITS EARNED FOR MAT 100, and if applicable COM 100	
		<b>TOTAL GRADUATION CREDITS</b>	

#### NOTES:

- Academic Completion Plans may not be accurate for declared second majors, depending upon the semester you declare. Completion of such additional major(s) could increase time to degree completion.
- Minors must be declared by the time specified in the current Alvernia Course Catalog and you must meet with your *minor advisor* to determine when the necessary classes are offered since you may not add additional time to degree completion beyond the completion of your major courses to complete the minor.

- The Alvernia 15.4460 Graduation Policy and the current Alvernia Course Catalog detail graduation requirements, honors at graduation, and eligibility to participate in the Commencement Ceremony.
- The Graduation Application is available on-line in myAlvernia on the 'Academics' tab. Seniors must submit the Graduation Application to the Registrar's Office as follows: **October 1 for May Graduation; December 1 for August graduation; and March 1 for December graduation.**

## **Additional Curriculum Information Resources**

### **Course Catalogs**

Students must refer to the Course Catalog for the year they enrolled (matriculated) at Alvernia for program requirements. Students may elect to move to a later year with permission from the Department Chair and Dean and notice to the Registrar. General academic policies in the Course Catalog may be revised by Alvernia during a student's matriculation based on continuously improved practices or federal and state laws and regulations. All such changes will apply to students regardless of matriculation year.

### **Academic Completion Plans**

Academic Completion Plans (formerly 8-semester plans) provides the course timing by semester for each program. Courses will be scheduled based on the Academic Completion Plans and students must enroll in the specific courses listed during the semester indicated.

### **AUAdvise**

Degree Audit [uAchieve](#) remains the official source for each student's curriculum audit and provides the opportunity to use the "what if" function to run scenarios for major changes or additions of minors.

### **EAB Navigate**

[EAB Navigate](#) is the official tool that faculty, advisors, navigators, and administrators use for alerts as well as student meetings and advising session discussion notes. This tool, together with the student's degree audit from uAchieve comprise the student file that follows the student throughout their matriculation and is accessible by advisors, navigators, and other administrators for official purposes.